

SEQUENCE LISTING

<110> POQUET, ISABELLE
LLULL, DANIEL

<120> ZINC-REGULATED PROKARYOTIC EXPRESSION CASSETTES

<130> 1169-034

<140> 10/525,449
<141> 2005-02-24

<150> PCT/FR03/02606
<151> 2003-08-29

<150> FR 02 10805
<151> 2002-08-30

<160> 16

<170> PatentIn Ver. 3.3

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<220>
<223> Description of Artificial Sequence: Consensus
sequence of the pzn bacterial promoter

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<223> a, c, g, or t

<220>
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sequence of the pzn bacterial promoter

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47

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 <213> Lactococcus lactis

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 <222> (19)..(24)

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 <222> (42)..(47)

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<210> 5
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 <212> DNA
 <213> Lactococcus lactis

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<210> 6
 <211> 25
 <212> PRT
 <213> Lactococcus lactis

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 1 5 10 15

Val Ser Ser Thr Ala Val Val Phe Ala
 20 25

<210> 7
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic PCR
 primer

<400> 7
 ctaatgagcg ggcttttt 18

<210> 8
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic PCR
 primer

<400> 8
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 gcgggctttt ttttgatata gaattaccgc ggaattcaga tctttgatca aggatctgtc 180
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 gcttaaggat ggaaggattt ttcaataaaa aaagtaaaaa ataatgttaa ctgggttgaca 300
 ttatttttac tttgctatat aattaaccag taaactaatt atggaggaca aaatactatg 360
 antttagcaa atcaaatcga ccagtttctt ggggcaatta tgcagtttgc anaaaacaag 420
 catgaaatat tactcggcga atgcnaaagt aatgttaagc taacaagcac gcaagaacat 480
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 ccagttgcta aagaacatgc tgctcatcat gagaaaactc taagtaccta ccaagaatta 720
 ggagacaaat ttactgacga agaacaaaaa gtgataagtc aattcttata agtacttacg 780
 gaggagtttc gatgaagaaa atattgatgt tatttgctat tccggcagtt ttacttcttg 840
 ctggttgatca aaaaacagca gacaaaccag aagttgtgac aacttttgag ccgatgtatg 900
 aatttacgaa agcgattgtt ggagataagg ttaaaattga aaatattggt cgggcgaatc 960
 aagaagttca cgaatttgaa ccgagtgcca ttacgaaaaa aatggtagaa aatgcaaaga 1020
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 atatttatgc tgatggaaaa 1100

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<220>
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<220>
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 <222> (146)..(151)

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 gatgttcggc ttaaggatgg aaggattttt caaataaaaa agtaaaaaat aatgttaact 120
 gggtgacatt atttttactt tgctatataa ttaaccagta 160

<210> 11
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<220>
 <223> Description of Artificial Sequence: Synthetic PCR
 primer

<400> 11
 caggaaacag ctatgacc 18

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<220>
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 primer

<400> 12
 gttctaagga tccattaact taaggag 27

<210> 13
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 <212> DNA
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<220>
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 primer

<400> 13
 tttgtgatgc atatgcaaata acaacggctg ttg 33

<210> 14
 <211> 27
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 14
 Met Lys Lys Ile Asn Leu Ala Leu Leu Thr Leu Ala Thr Leu Met Gly
 1 5 10 15

Val Ser Ser Thr Ala Val Val Phe Ala Tyr Ala
 20 25

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<220>
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<400> 15
 cgcggatcct ttgaaaggat attcctc

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<210> 16
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<220>
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28